

Fig. 1 (part 1)

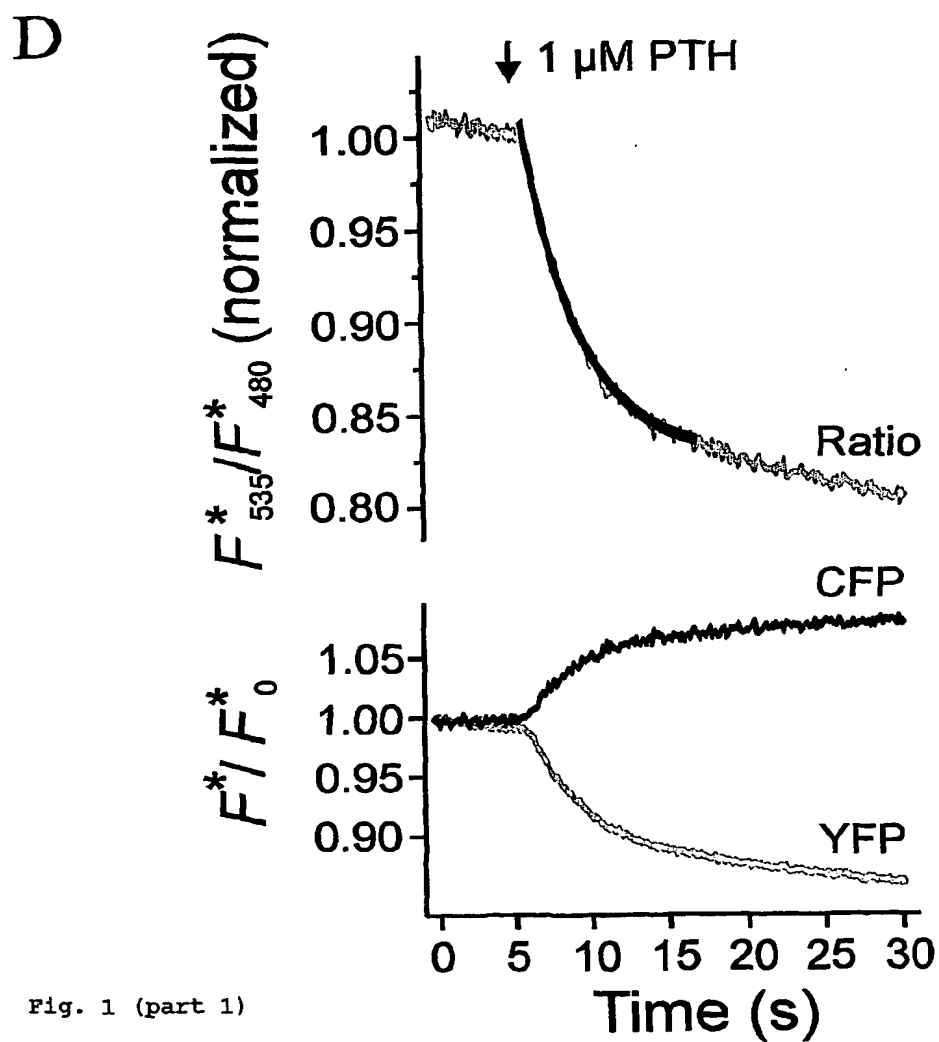
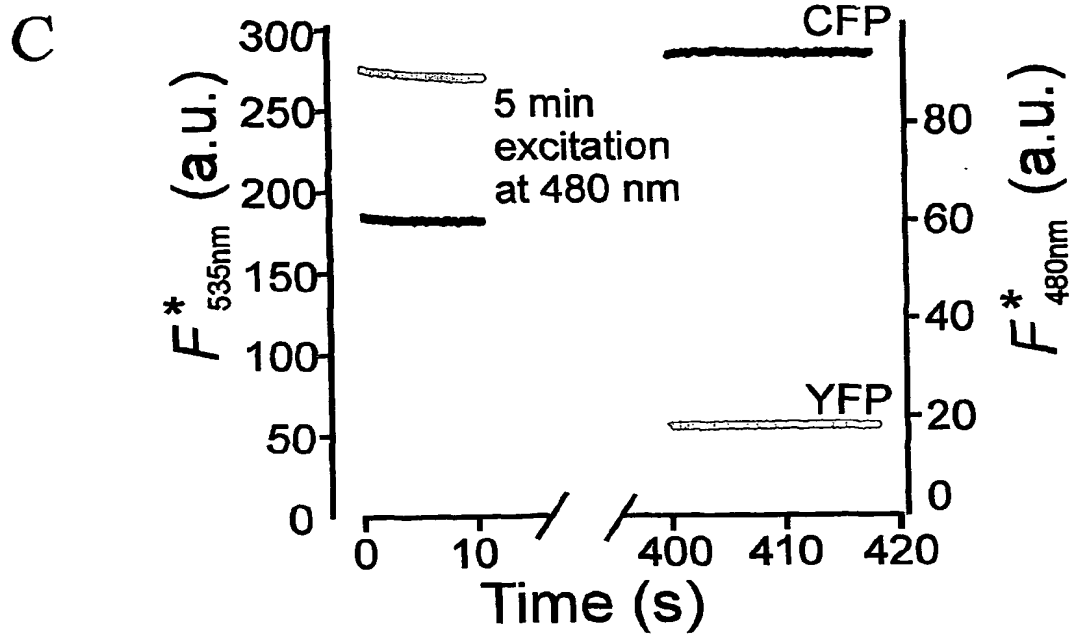


Fig. 1 (part 1)

Figure 1 part 2

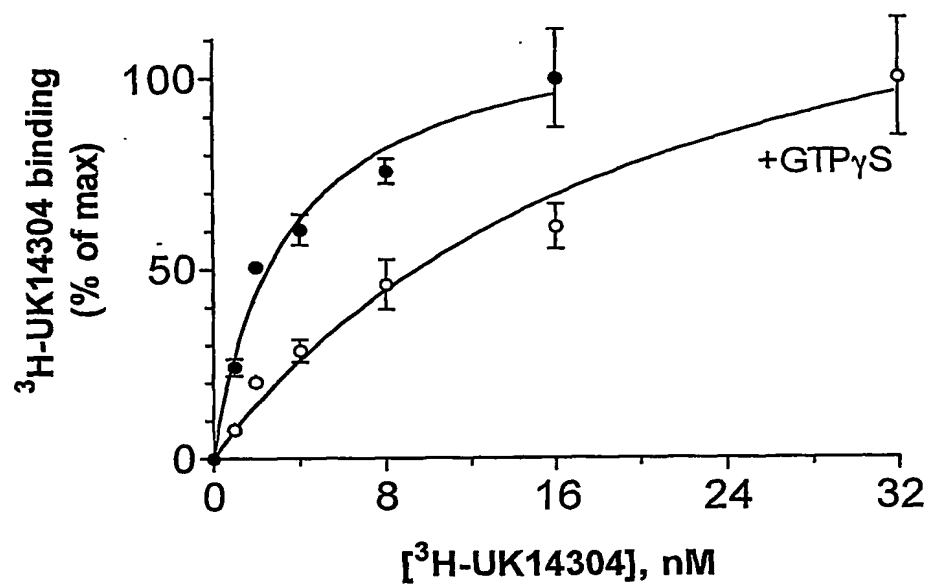
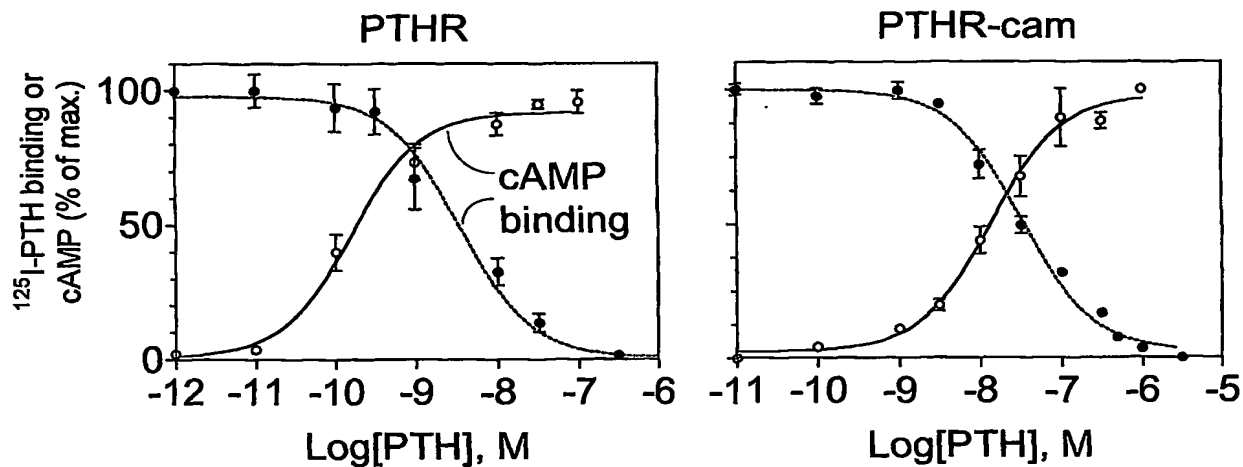
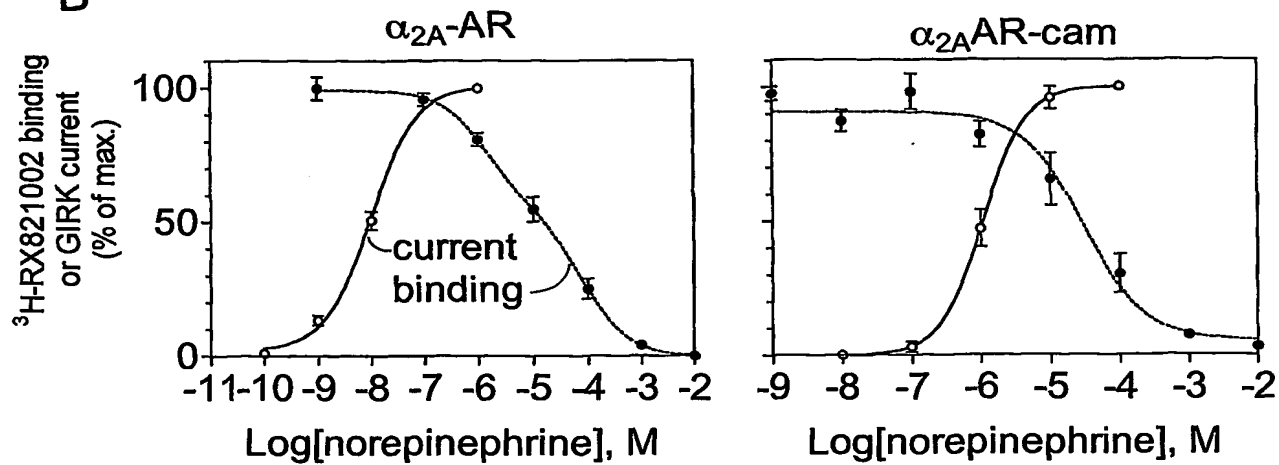


Fig. 2

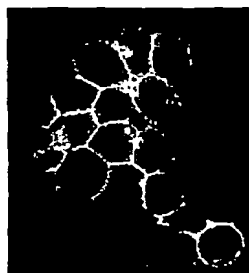
A



B



C



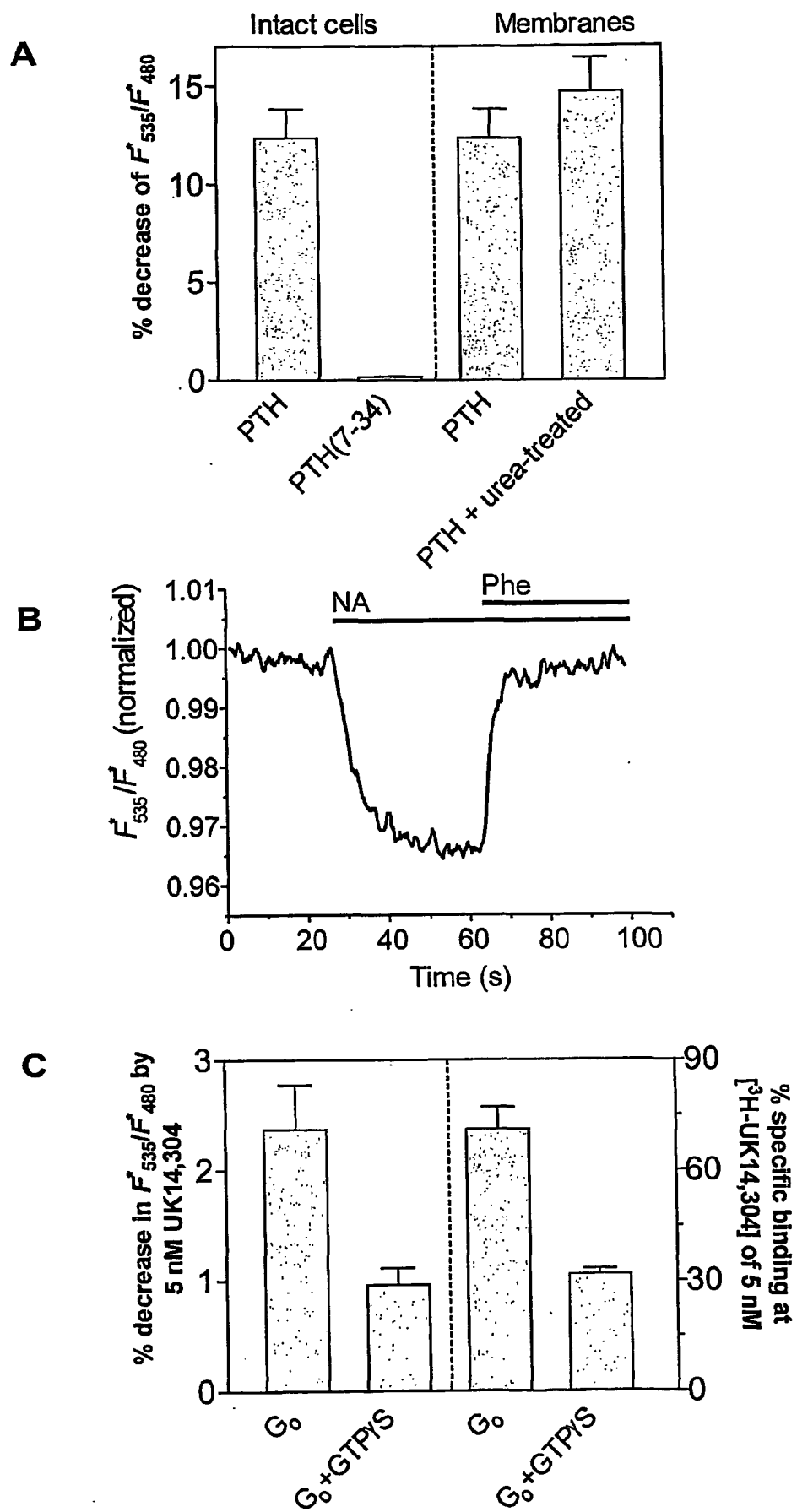


Fig. 3

Fig. 4

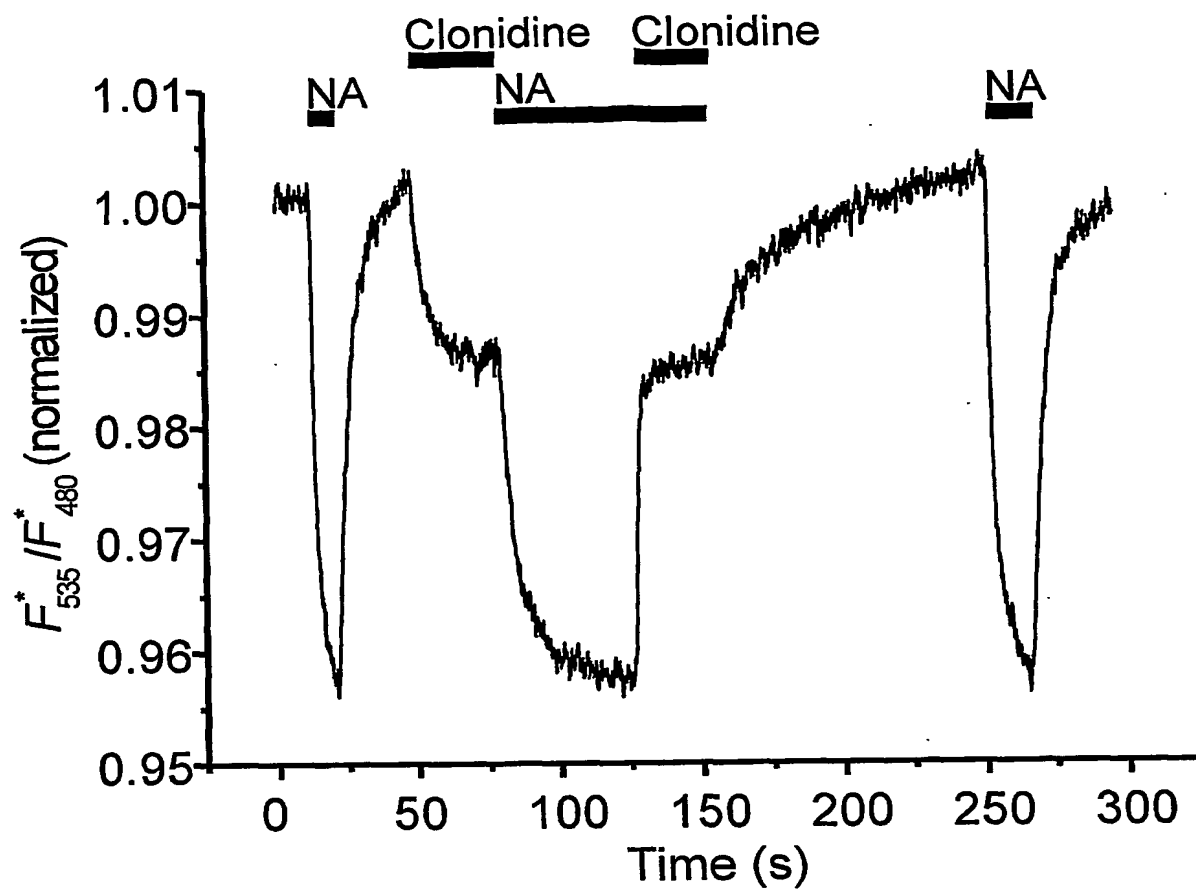
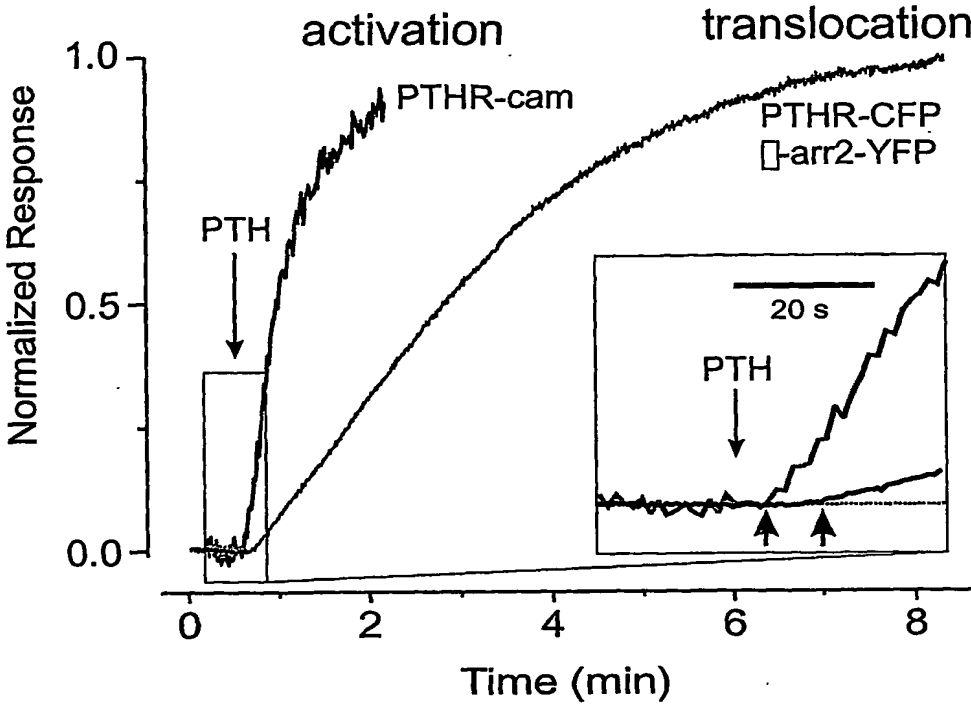


Fig. 5



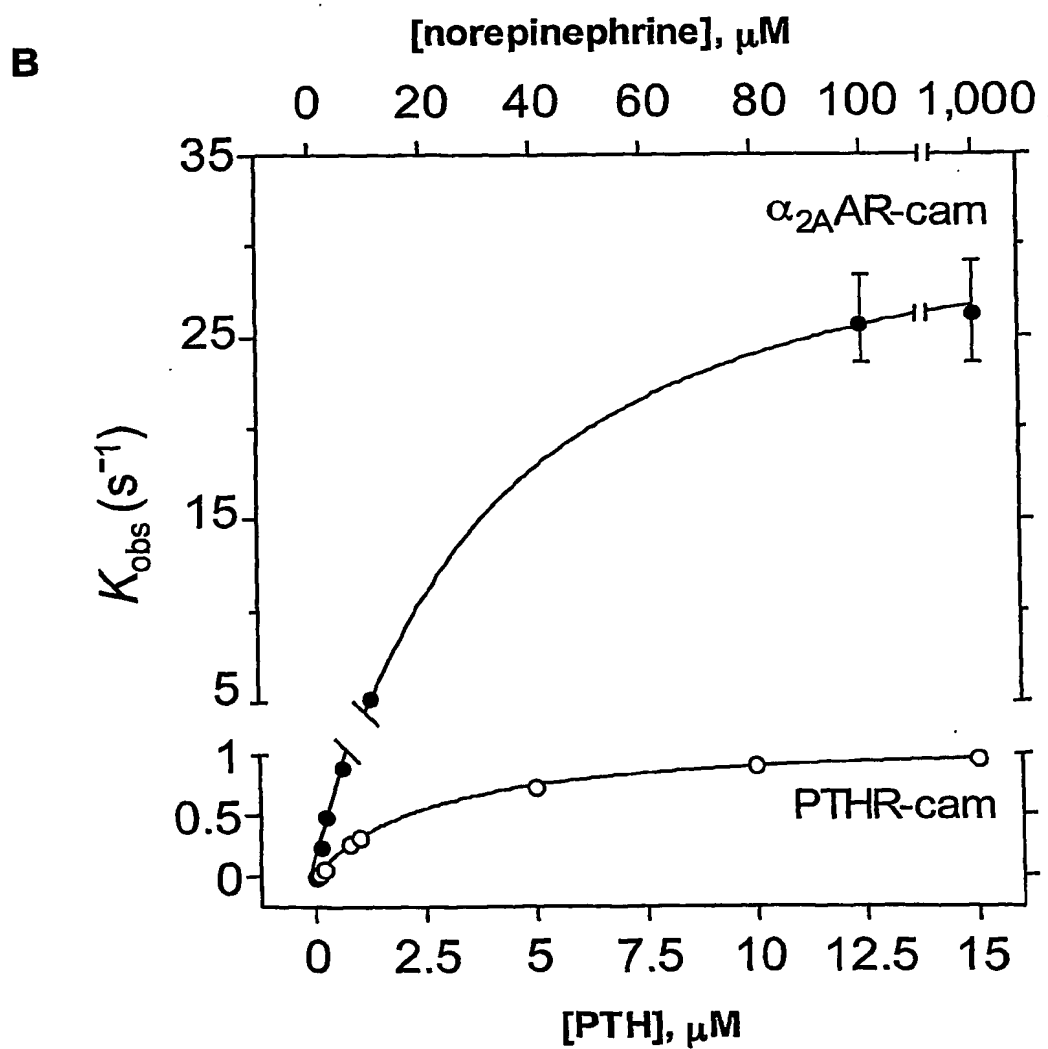
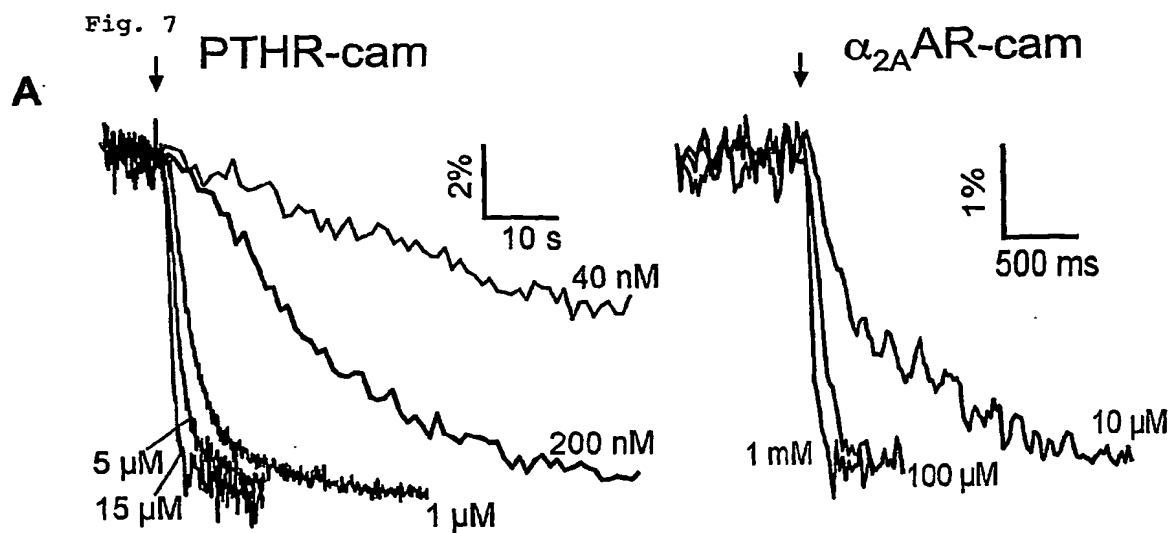




Figure 7: Specific Flash-labelling of proteins containing the CCPGCC motif

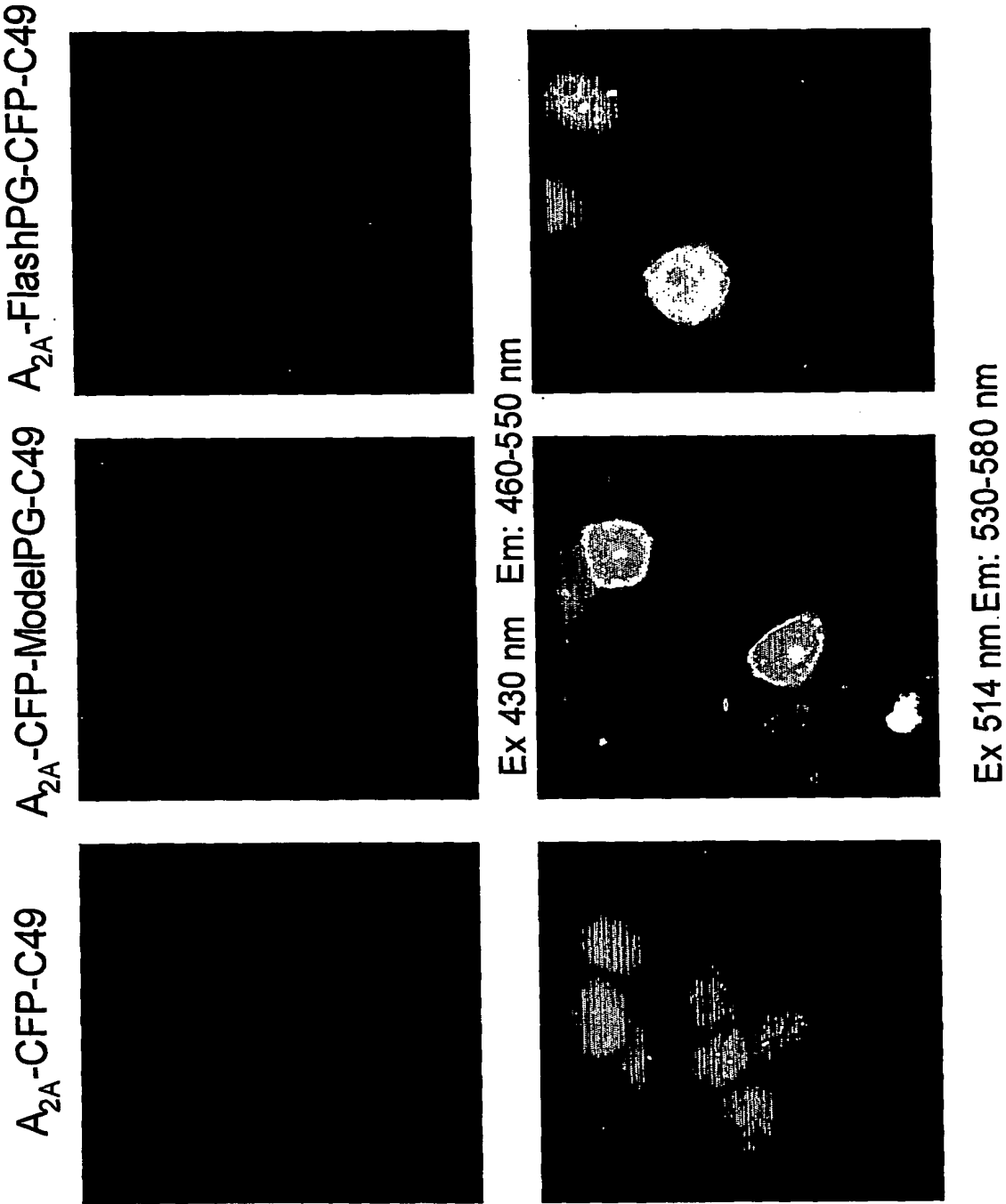
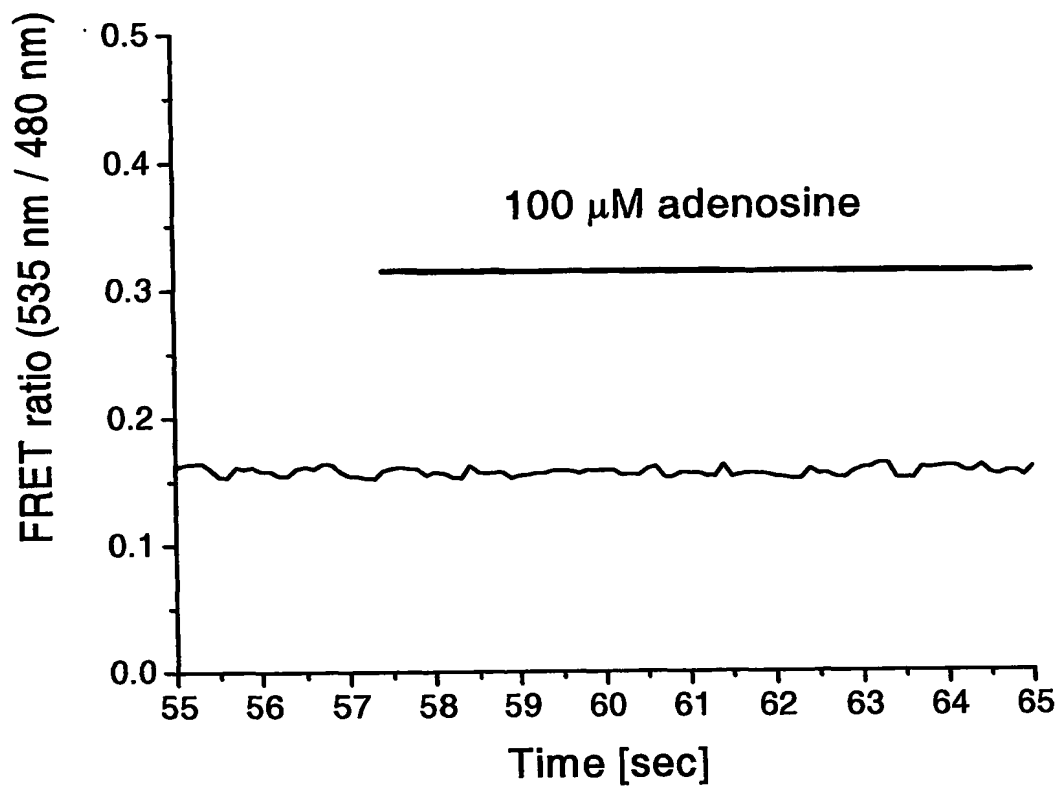


Figure 8:A



8B:

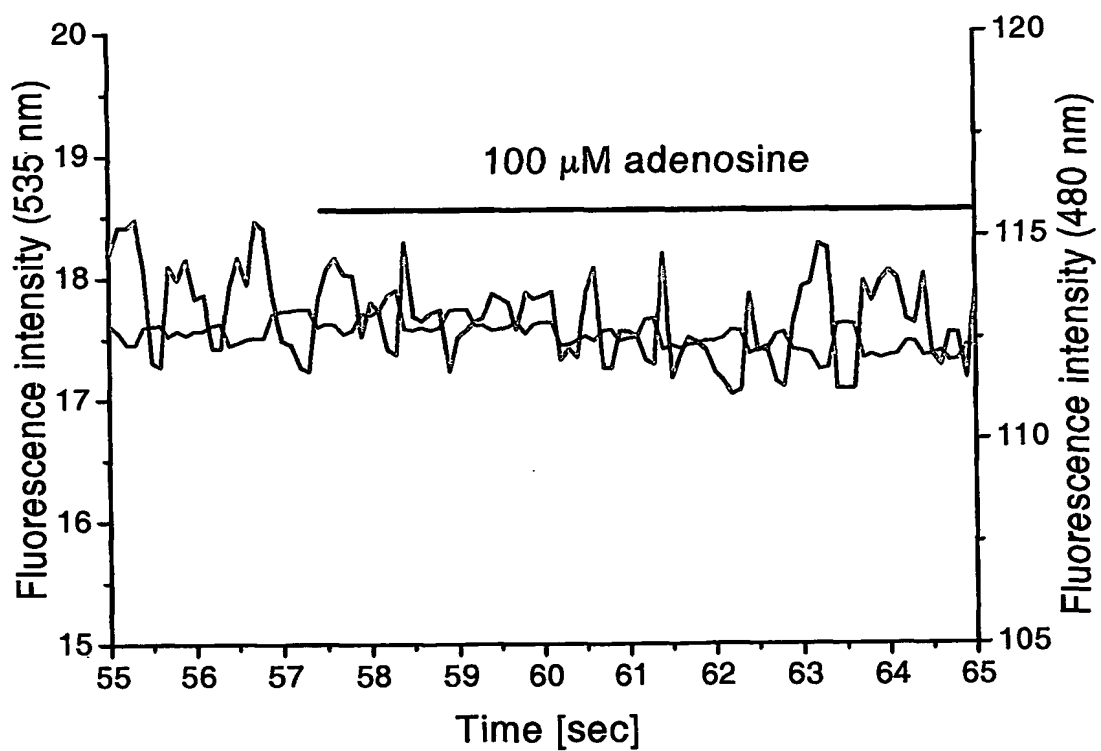
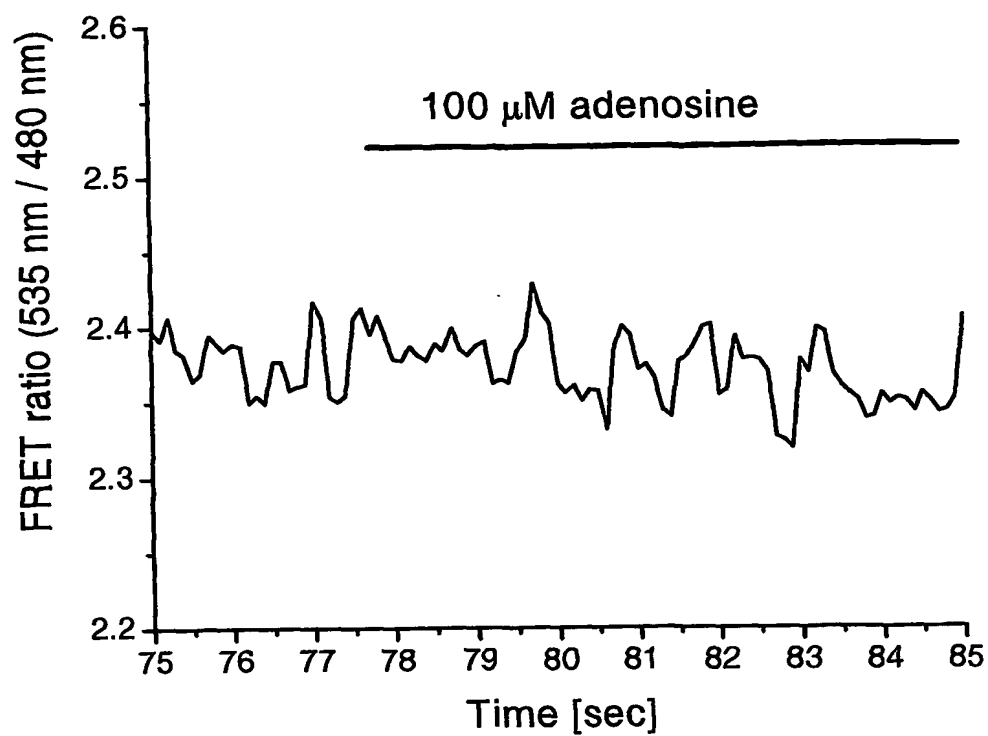


Figure 9A:



9B:

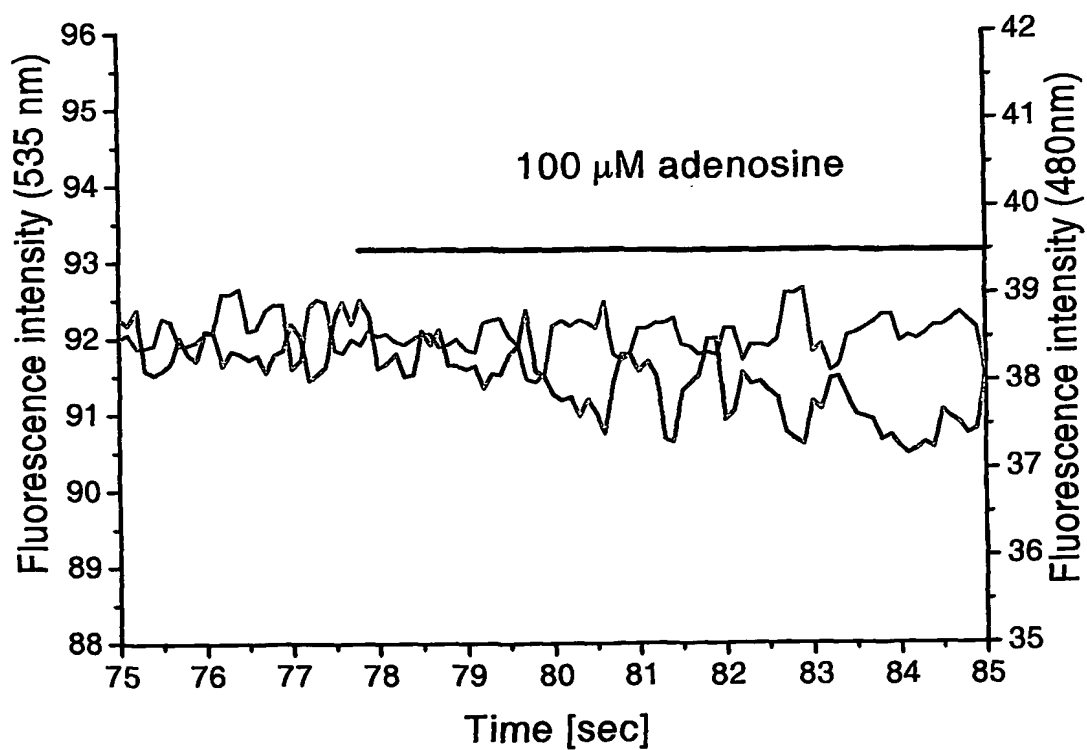
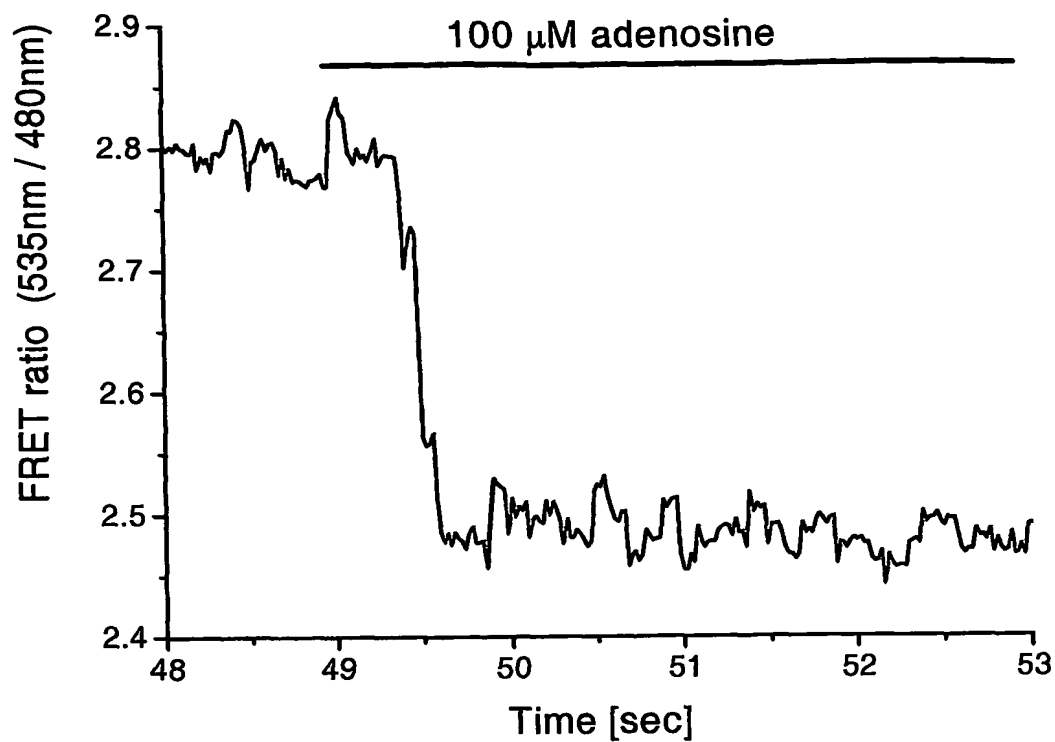


Figure 10A:



10B:

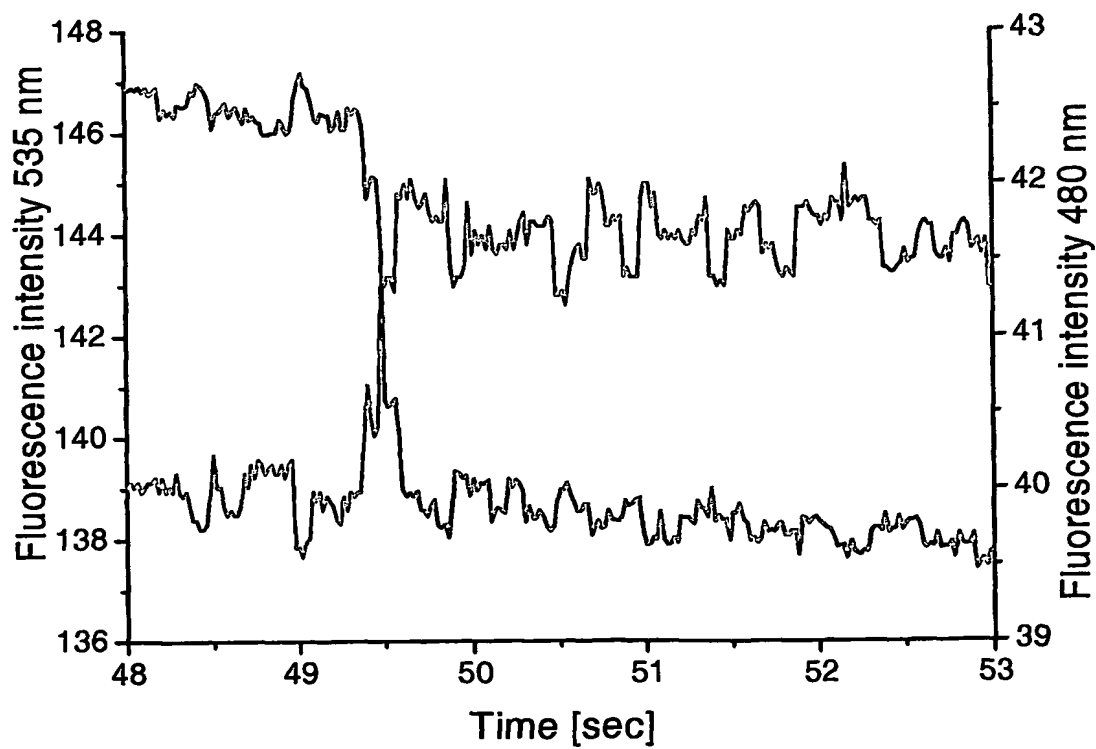


Figure 11:

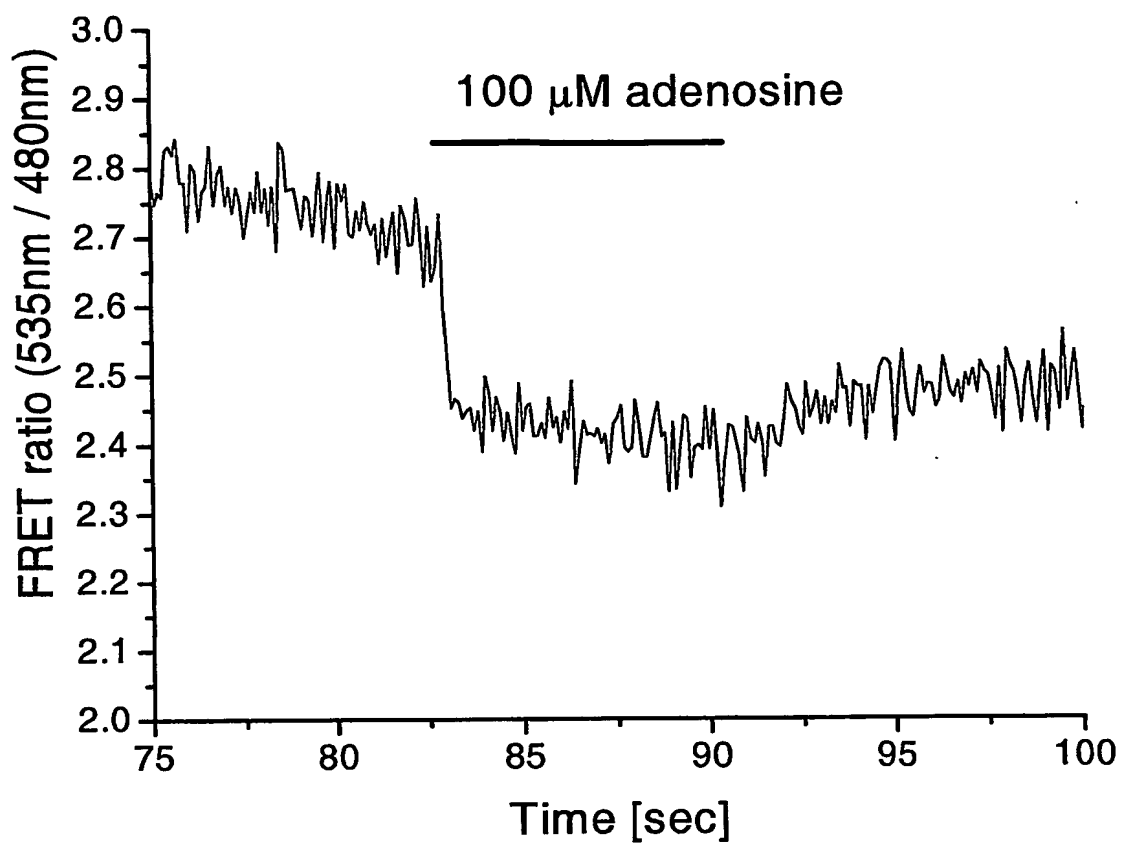


Figure 12:

A

Construct	KD-value for [ $^3$ H]-NECA binding [nM]
A2A wild-type	$52.0 \pm 8.9$
A2A-CFP-ModelPG-C49	$55.9 \pm 10.9$
A2A-FlashPG-CFP-C49	$63.2 \pm 11.2$
A2A-FlashPG-CFP-C33	$38.9 \pm 9.2$
A2A-„chameleon“	$63.1 \pm 18.6$

B

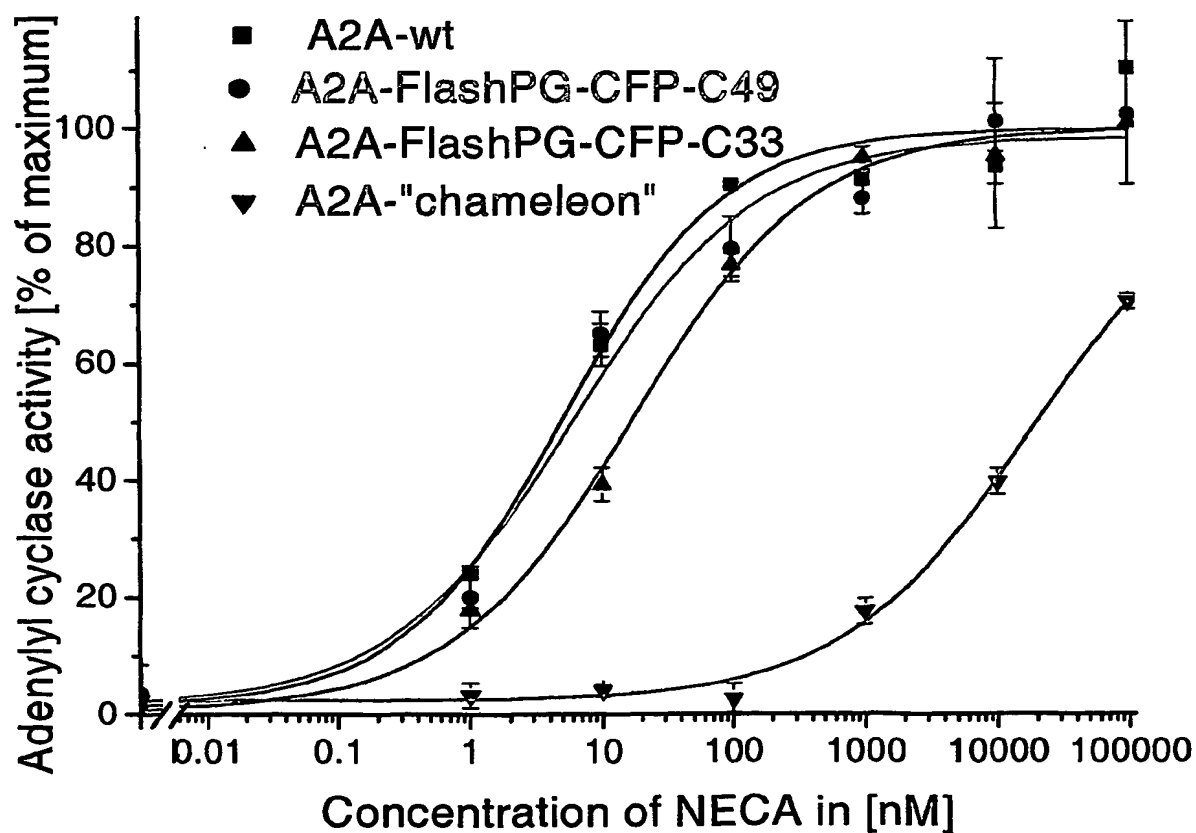


Figure 13:

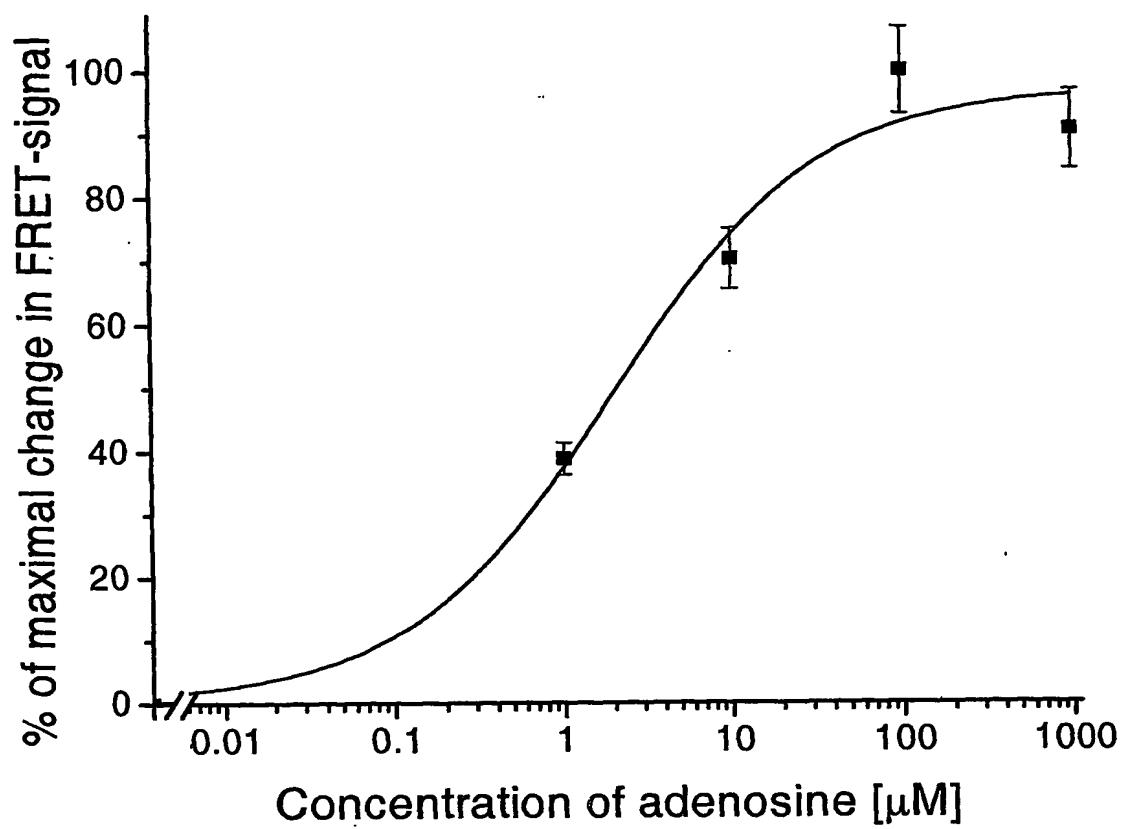


Fig. 14

